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Application Number	10/602,556
Filing Date	June 23, 2003
First Named Inventor	Milliron, Timothy S.
Art Unit	2671
Examiner Name	Unassigned

Total Number of Pages in This Submission		Attorney Docket Number 021751-001610US

ENCLOSURES *(Check all that apply)*

☐ Fee Transmittal Form
   ☐ Fee Attached
☐ Amendment/Reply
   ☐ After Final
   ☐ Affidavits/declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/ Incomplete Application
   ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation Change of Correspondence Address
☐ Terminal Disclaimer
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☐ After Allowance Communication to Group
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1 Reference Copies

Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

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Firm or Individual	Townsend and Townsend and Crew LLP
	Sujit B. Kotwal Reg. No. 43,336
Signature	S. B. Kotwal
Date	March 26, 2004

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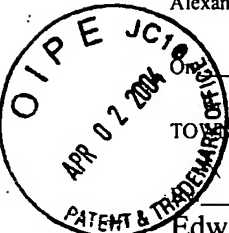| Typed or printed name	Edward Masinas		
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TOWNSEND and TOWNSEND and CREW LLP

Edward Masinas

Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Examiner: Unassigned
TIMOTHY S. MILLIRON	Art Unit: 2671
Application No.: 10/602,556	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 and §1.98
Filed: June 23, 2003	
For: METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR GEOMETRIC WARPS AND DEFORMATIONS	

Commissioner for Patents
P.O. Box 1450
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references, except reference AJ, can be found in Application No. 09/563,660 (now U.S. Patent No. 6,608,631), filed May 2, 2000 (Attorney Docket No. 021751-001600US). A copy of reference AJ is included herewith. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

S. B. Kotwal

Sujit B. Kotwal
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Sheet | 1 | of | 2 |

Complete if Known	
Application Number	10/602,556
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Attorney Docket Number	021751-001610US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.[1]	Document Number — Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document — Country Code[3] / Number[4] / Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	AA	HSU, William M. et al., "Direct Manipulation of Free-Form Deformations," *Computer Graphics*, (July 1992) 26, 177-184.	
	AB	KOBBELT, Leif et al. "Interactive Multi-Resolution Modeling on Arbitrary Meshes," *Computer Graphics Proceedings, Annual Conference Series*, (1998) 105-114.	
	AC	LAZARUS, Francis et al., "Axial deformations: an intuitive deformation technique," *Computer-Aided Design*, (August 1994) 26(8) 607-613.	
	AD	LEE, Seung-Yong et al., "Image Morphing Using Deformation Techniques," *The Journal of Visualizatio and Computer Animation*, (1996) 7, 3-23.	
	AE	LEE, Seung-Yong et al., "Image Metamorphosis Using Snakes and Free-Form Deformations," *Computer Graphics Proceedings, AnnualConference Series*, (1995) 439-448.	
	AF	LEE, Seung-Yong et al., "Image Metamorphosis with Scattered Feature Constraints," *IEEE Transactions on Visulization and Computer Graphics*, (December 1996) 2(4), 337-354.	
	AG	LERIOS, Apostolos et al., "Feature-Based Volume Metamorphosis," *Computer Graphics Proceedings, Annual Conference Series*, (1995) 449-456.	
	AH	LITWINOICZ, Peter et al., "Animating Images with Drawings," *Computer Graphics Proceedings, Annual Conference Series*, (1994) 409-412.	
	AI	MACRACKEN, Ron et al., "Free-Form Deformations With Lattices of Arbitrary Topology," *Computer Graphics Proceedings, Annual Conference Series*, (1996) 181-188.	
	AJ	MILLIRON, Tim et al. "A framework for geometric warps and deformations" ACM Transactions on Graphics, (January 2002) 21(1):20:51.	
	AK	SEDERBERG, Thomas W. et al., "Free-Form Deformation of Solid Geometric Models," *Computer Graphics*, (August 1986) 20(4), 151-160.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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Substitute for form 1449B/PTO	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number	10/602,556
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Sheet **2** of **2**	Attorney Docket Number	021751-001610US

Examiner Initials *	Cite No.[1]	**NON PATENT LITERATURE DOCUMENTS** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [2]
	AL	SINGH, Karan et al., "Wires: A Geometric Deformation Technique," *Computer Graphics Preceedings, Annual Conference Series*, (1998) 405-414.	
	AM	STALPERS, M.G.J.R. et al., "Deforming Geometric Models Based on a Polygonal Skeleton Mesh," *Journal of Graphics Tools*, (1997) 2(3), 1-14.	
	AN	ZORIN, Dkenis et al., "Interactive Multisolution Mesh Editing," *Computer Graphics Proceedings, Annual Conference Series*, (1997) 259-268.	

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